

Converting Colors

XYZ(46.8361, 38.3962, 60.8244)

Have a look what the booklet for
XYZ(46.8361, 38.3962, 60.8244)
contains.

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Color

**XYZ(46.8265, 38.3971,
60.8205)**

Conversions

Conversions Part 1

Format	Color
Hex	CF93CA
RGB	207, 147, 202
RGB Percent	81%, 58%, 79%
CMY	0.1882, 0.4235, 0.2078
CMYK	0.00, 0.29, 0.02, 0.19
HSL	305°, 38%, 69%
HSV	305°, 29%, 81%
XYZ	46.8265, 38.3971, 60.8205
YIQ	171.2100, 18.1050, 29.8250

Conversions

Conversions Part 2

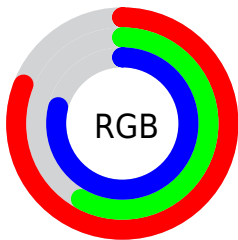
Format	Color
R _Y B	207, 147, 202
Decimal	13603786
CIE Lab	68.31, 31.49, -19.35
CIE LCh	68, 36.954, 328.431
Yxy	38.3971, 0.3206, 0.2629
Android (android.graphics.Color)	4291793866 (0xFFCF93CA)
YUV	171.2100, 15.1795, 31.3878
Hunter-Lab	61.9654, 26.4509, -14.8188

Details

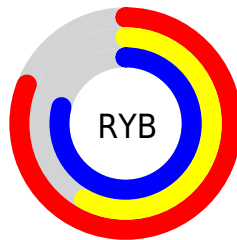
The XYZ color **46.8265, 38.3971, 60.8205** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **40.0145, 53.0969, 37.8476**, and the grayscale version is **38.7349, 40.7522, 44.3791**.

A 20% lighter version of the original color is **80.4105, 70.7211, 104.0202**, and **22.3864, 16.9979, 30.1180** is the 20% darker color. If you saturate the color by 10%, you get **43.6899, 32.4483, 58.7731**, and if you desaturate by 10%, it is **50.5469, 45.5085, 63.0746**.

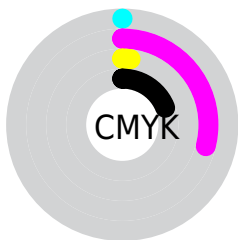
Distribution



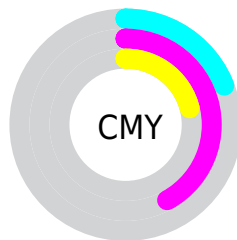
- Red (81%)
- Green (58%)
- Blue (79%)



- Red (81%)
- Yellow (58%)
- Blue (79%)



- Cyan (0%)
- Magenta (29%)
- Yellow (2%)
- Black (19%)





- Cyan (19%)
- Magenta (42%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 46.8265, 38.3971, 60.8205 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 46.8265, 38.3971, 60.8205 by changing the saturation by 10% instead.


 46.8265, 38.3971,
60.8205


 46.8265, 38.3971,
60.8205


364.7821,
339.3204, 445.5039

 33.1059, 26.2910,
43.6507

 84.6749, 72.7164,
107.5740

 22.3672, 17.0415,
30.0608


 109.5334, 95.6984,
137.9948

 14.2451, 10.2641,
19.6323


138.8353,
123.0745, 173.6696

 8.3742, 5.5744,
11.9466

172.9458,
155.2291, 215.0171

 4.3891, 2.5881,
6.5853

212.2304,
192.5466, 262.4557

 1.9245, 0.9207,
3.1296

257.0544,

 0.5910, 0.0000,

235.4114, 316.4040

1.1612

307.7832,
284.2078, 377.2805

■ 0.0000, 0.0000,
0.0000

■ 46.8265, 38.3971,
60.8205

■ 46.8265, 38.3971,
60.8205

■ 43.6899, 32.4483,
58.7731

■ 50.5469, 45.5085,
63.0746

■ 41.1025, 27.5950,
56.9197

■ 54.8763, 53.8349,
65.5425

■ 39.0315, 23.7707,
55.2495

■ 59.8428, 63.4317,
68.2342

■ 37.4390, 20.9001,
53.7500

■ 65.4715, 74.3494,
71.1580

■ 36.2823, 18.8972,
52.4069

■ 71.7864, 86.6357,
74.3219

■ 35.5106, 17.6609,
51.2032

■ 73.4206, 89.5568,
75.9370

■ 35.0413, 17.0256,
50.1114

■ 73.6399, 89.6446,
77.0920

■ 34.9993, 16.9723,
50.0029

■ 73.8616, 89.7332,
78.2593

■ 74.0856, 89.8228,
79.4389

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



42.0566, 38.3971, 76.5825



46.8265, 38.3971, 60.8205



48.7940, 38.3971, 42.6870

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



46.8265, 38.3971, 60.8205



36.8010, 38.3971, 17.3485



27.5542, 38.3971, 58.8998

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



46.8265, 38.3971, 60.8205



40.0145, 53.0969, 37.8476

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



26.4591, 38.3971, 40.9410



46.8265, 38.3971, 60.8205



31.4472, 38.3971, 19.5699

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



46.8265, 38.3971, 60.8205



42.6396, 38.3971, 20.1010



27.8077, 38.3971, 27.2385



30.9715, 38.3971, 75.2830

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



46.8265, 38.3971, 60.8205



48.1092, 38.3971, 32.5156



27.8077, 38.3971, 27.2385



26.9193, 38.3971, 52.7207

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



46.8277, 38.3988, 60.8213



87.8542, 86.0988, 104.9897



34.6468, 32.0498, 63.3924



18.5726, 17.9820, 22.3429



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



46.8277, 38.3988, 60.8213



71.7062, 55.1918, 95.3246



43.6136, 37.1132, 43.8962



12.2665, 11.9914, 14.6793



22.0679, 10.7000, 31.5936



1.2467, 0.6034, 1.8341

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



46.8277, 38.3988, 60.8213



71.7062, 55.1918, 95.3246



42.7904, 54.2072, 52.4652



12.2665, 11.9914, 14.6793



22.0679, 10.7000, 31.5936



1.2467, 0.6034, 1.8341

Previews

White Background



This preview shows how the XYZ color 46.8265, 38.3971, 60.8205 looks on a white background.

Color Contrast Check

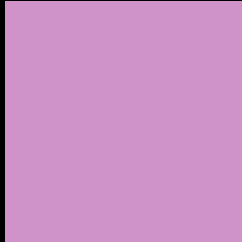
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 46.8265, 38.3971, 60.8205 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

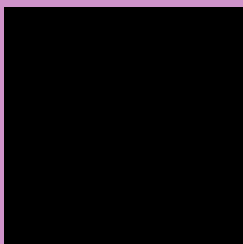
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 46.8265, 38.3971, 60.8205

Background



This preview shows how black text looks on a background with the XYZ color 46.8265, 38.3971, 60.8205.



This preview shows how white text looks on a background with the XYZ color 46.8265, 38.3971,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

46.8265, 38.3971, 60.8205

Protanopia

39.0473, 38.6866, 69.6992

Deuteranopia

39.3423, 38.5334, 59.3970



Tritanopia

42.7957, 38.4209, 41.2368

Trichromacy



Original Color

46.8265, 38.3971, 60.8205

Protanomaly

41.0933, 37.9911, 66.1399

Deuteranomaly

41.7737, 38.2292, 59.8208

Tritanomaly

44.1051, 38.2253, 47.7014

Monochromacy



Original Color

46.8265, 38.3971, 60.8205

Achromatopsia

38.7082, 40.7240, 44.3485

Achromatomaly

41.1310, 39.4084, 49.6947

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.8265, 38.3971, 60.8205 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(207, 147, 202)` looks like.

```
.text, #text, p{  
    color:rgb(207, 147, 202)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(207, 147, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 147, 202) }
```

Border

The CSS property to change the border of an element to XYZ 46.8265, 38.3971, 60.8205 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(207, 147, 202) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(207, 147, 202) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(207, 147, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 147, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 147, 202);  
box-shadow:4px 4px 4px 4px rgb(207, 147,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 46.8265, 38.3971, 60.8205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 147, 202) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(207,  
147, 202) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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